

	Karne	Sections	
ITGB1	integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)	CD29, CD29 antigen, Fibronectin receptor beta subunit, Fibronectin receptor subunit beta, FNRB, GPIIA, Integrin beta-1 precursor, Integrin VLA-4 beta subunit, Integrin VLA-4 subunit beta, MDF2, MSK12, VLAB, VLA-BETA	Homo sapiens

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We show here that an antibody which recognizes the beta-subunit of <u>VLA-4</u> (CD29) on <u>Tosis</u> can **inhibit** CD4+ <u>csis</u> <u>proliferation</u> **triggered** by <u>CD2</u> or CD3, and that binding of this antibody to activated <u>Tosis</u> leads to an increase in <u>cyclic AMP</u> levels which is comparable to that elicited by forskolin. [1989]



.,	•	
	healthy control subjects but had a normal expression of the FN binding integrins CD29 , CD490, CD490, and CD490, and CD490, and CD490, and CD490, control subjects but had a normal expression was increased). [2004]	*
	Cross-linking of VLA/CD29 on molecule has a co-mitogenic effect with anti-CD3 on CD4 ocell activation in serum-free culture system. [1991]	4
	The above results strongly suggest that the VLA/CD29 and family of antigens may play an important role in regulating CD4 Toell activation via the CD3-T cell receptor pathway. [1991]	
	FACS results showed that the MSCs did not express antigens <u>CD34</u> , CD11a, and <u>CD31b</u> and expressed CD29 , and <u>CD71</u> , an expression pattern identical to that of human bone marrow-derived MSCs. [2003]	
	In contrast with the activating CD29 mAb 8A2, a combination of blocking CD49 mAbs or the nonactivating but blocking CD29 mAb AliB2 failed to inhibit completely mask migration over FN-preincubated or HUVEC-covered filters. mAb 8A2 stimulated binding to but not to HUVEC. [1993]	<u>*</u>
0 0000000	Enhancement of anti-CD3 induced proliferation by immobilized <u>fibronectio</u> was completely inhibited by a mAb to CD29 , the <u>integrin</u> beta 1-chain (4B4) and not by a variety of other mAb. [1990]	
er free on actions	Adhesion of LPS-U937 cells treated with mNI-11 to https://www.completely.com/	
	Antibody to the integral beta 1, chain (CD29) eliminated binding to collagen and laminin but not to <u>libronectin</u> , broblems, and HT-29 monolayers. [1996]	
	CS-1 [7] peptide was also found to inhibit CD29 :-induced <u>histamine</u> release but had no significant effect on <u>CD49d</u> :-induced <u>histamine</u> release. [1995]	
	Adhesion to was mediated by beta 1-integrins beta 1 (VLA4) and alpha 5 beta 1 (VLA5) since blocking antibodies against beta 1- (CD29), alpha 4-(CD49d), or alpha 5- (CD49e) integrin subunits, completely reversed the effect of HGF (2) (SF (2)). [1997]	**
	In addition, the comitogenic effect of ECMs could be mimicked by immobilized mAb reactive with a common beta 1 chain (CD29) of very late activating (VLA) antigens which include CD29 receptors. [1994]	
	Some CD29 antibodies partially inhibited CD98 [7] induced aggregation, and these antibodies were neither agonistic for aggregation nor inhibitors of beta1-integrin binding to substrates. [2001]	
	Aggregation induced by CD98 [7] antibodies could be distinguished from that induced by beta1-integrin (CD29) ligation by lack of sensitivity to EDTA and by increased sensitivity to deoxyglacose. [2001]	
	However, coculture of endothelial cells with CD29 :stimulated neutrophils in the presence of 0.1-10 U/ml TNF-sipha :strongly induced neutrophil transmigration. [2004]	
	Pretreatment of neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the addition of Neutrophiles with either a CD29 -stimulating monoclonal antibody or the Addition of Neutrophiles with either a CD29 -stimulating monoclonal either a CD29 -stimulating monoclonal either a CD29 -stimulating monoclonal either either a CD29 -stimulating monoclonal eithe	
	CD43 loation up-regulated surface adhesion molecules and enhanced CD29 - and CD98 [2] - induced aggregation. [2003]	_dk
	Furthermore, in BD a significantly increased proportion of the gammadelta Tool population expressed COS and high levels of CD29 and were induced to produce in gamma and The alpha acompared with healthy controls. [1999]	

of CD29 and were **induced** to **produce Frames** and The alpha compared with healthy controls. [1999]

The Jun N-terminal kinase (300%) inhibitor SP600125 and the anti-beta(1) (2002%) function-blocking antibody were used to assess (300%) activation and (300%) dependence, respectively. [2007]	
However, a CD29 and make make make homotypic and aggregation could not block this Make production. [2002]	top
CONCLUSIONS: Mechanical stress on the LAS and RI in the shoulder may induce ERK [7] and ARK to express NF-kappaB by CD29 to develop capsule contracture, producing MMP3 , LS , and VEGF . [2009]	
Monoclonal antibodies to beta1 integrins beta-subunit (CD29) also strongly induced tumor necrosis factor-alpha and interleukin-12. [1999]	*
12 stimulation of NK cells resulted in an increase in the expression of adhesion molecules involved in binding of NK cells to bone marrow libroblasts (BMF) and extracellular matrix (ECM) proteins including the beta 1 chain CD29 ,, alpha chains of VLA-4 , and 5, beta 2 chain CD18 and alpha L chain CD11a. [1995]	
RESULTS: Reverse-transcriptase polymerase chain reaction [?] showed the MSCs to express the pluripotency marker gene OCT4 , and flow cytometry showed these cells to be positive for CD29 , CD73 , CD90 , and CD105 and negative for CD31 , CD45 , and CD61 . [2008]	
The results thus show that adhesion molecules other than CD29 , AND CD496 are responsible for the induced adhesion between Co166 and EN-alpha-pretreated Co166 (1995)	#
We further showed that CD29 / TNF-alpha -mediated effects involved PISK (T) and through kinase-dependent signaling via MAPK (T) but were independent of nuclear transcription factor (NF)-kappaB activity. [2004]	
Flow sylometry revealed a 6-fold increase in the number of hMSCs double-positive for <u>CD44 / CD29 or CD80/CD29 in</u> group CL after 7 days in culture, compared with group C. <u>Telomere</u> length remained the same in cells from both groups during culturing. [2006]	**
We have analyzed immunohistochemically in situ expression of integrins (CD29), CDw49b, CDw49c, CDw49e, CDw49f) and CD44 is isoforms (CD44 is standard, CD44 is var/v6, CD44 is v10) on isozem sections of normal and psoriatic skin (nonlesional skin, lesional skin before and along with topical calculate treatment). [1997]	
CD44 (homing cell adhesian molecule) and very late activation antigen beta 1 (VLA beta 1; CD29 (a)) could be demonstrated on almost all filtroblasts without an alteration following cytokine stimulation. [1995]	*
In all cases, the surfaces of IL aggregates reacted for <u>CD44</u> but were consistently negative for CD29 ; also absent was <u>CD54</u> . [2000]	
Conversely, the integrity of the <u>endothelial cells</u> was underscored by their even reactivity for CD29 , <u>CD44 ,</u> and <u>CD54 .</u> [2000]	
To investigate the mechanism by which down-regulation of TWIST leads to inhibition of adhesion to mesothelial cells (MCs), expression of adhesion molecules (CD29 , CD44 and CD54) were observed. [2007]	
The analysis of <u>financescence</u> intensity (MFI) revealed that CB <u>monocytes</u> expressed some CAM (CD29 , CD54 , CD102) with a lower intensity than AB <u>monocytes</u> except <u>CD44 .</u> [2001]	
The expression of ICAM-1 (CDS4), beta 1 integrin (CD29), and CD44 on cytomegalovirus (CMV)-infected human embryonic librobiasts (HEF) was analyzed by liow cytometry. [1995]	*

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RESULTS: Flow cytometry analyses demonstrated that adherent spindle cells from bone marrow are mesenchymal stem cells (positive for CD29 and CD44 , but negative for CD34 and CD45). [2007]	
Inhibition was 30 +/- 5%, n = 18, P < or = 0.001 for CD29 versus 40 +/- 6% for CD490 . [1996]	
In contrast to the <u>basophil</u> , crosslinking of either CD29 or <u>CD49d of failed to initiate <u>histamine</u> release in human lung <u>mast</u> sells (HR = 1 +/- 1% for CD29 and 2 +/- 1%, n = 15). [1996]</u>	
Crosslinking either CD29 or CD498 also failed to initiate <u>histamine</u> release from human lung <u>mast cells</u> (HR was 1 +/- 1% for CD29 and 2 +/- 1% for CD498 also failed to initiate <u>histamine</u> release from human lung <u>mast cells</u> (HR was 1 +/- 1% for CD498 also failed to initiate histamine release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from human lung mast cells (HR was 1 +/- 1% for CD498 also failed to initiate histamine) release from h	
A second <u>tyrosine</u> kinase inhibitor, <u>piceatamos</u> , also significantly reduced both CD29 and <u>CD496</u> induced HR (inhibition was 62 +/- 19% for CD29 and 56 +/- 14% for <u>CD496</u> , n = 7, P < or = 0.05). [1996]	
No apparent activation of <u>cell cycle</u> was observed, but CD29 and very late antigen-4 (<u>VLAAC</u>) expression was increased, as compared to the normal BM cells. [2006]	-
	top
We found that cross-linking either CD29 or CD49d failed to initiate mediator release from the basophile of non-atopic and atopic donors [historian release (HR) = 1 +/- 0.5% for CD29 and 1 +/- 0.5% for CD49d, n = 10, NS]. [1995]	
CVC were immunopositive to antigens to CD29 and CD44 [?] but not to CD14 or CD45, consistent with other mesenchymal stem cells. [2003]	
We have reported an immortalized line of human MSCs (hMSCs), KP-hMSCs, which expresses CD29 , CD44 , CD90 , and CD105, and complies with the characteristics shared by mere hMSCs. [2006]	
METHODS: The <u>http://ocyte.subpopulation</u> and the expression of CD11a, <u>CD44</u> , and CD29, on CD4+ and <u>CD8</u> + cells in peripheral blood <u>http://ocyte.science.com/assistes/assis</u>	
They were positive for CD29 , CD44 , CD186, and negative for CD34 , CD45, HLA-DR and Dec europaeus. [2001]	
The human CD4 population can be divided into functionally distinct and largely reciprocal subsets based on their differential expression of CD45RA, CD45RO) and the CD29 //VLA beta chain. [1993]	
A number of Tool surface antigens including CD45R0, CD58, CD11 alpha, CD29, CD44, and CD26 are present on differentiated Tools and identify Tool populations that respond to recall antigens. [1993]	
RESULTS: Flow cytometric analysis of MSCs at passage 3 showed that these cells expressed high levels of CD29 (98.28%), CD44 (99.56%) and CD108 (98.34%). [2007]	
Immunophenotypic studies showed that acute <u>mysloid leukemia</u> (AML) cells (n = 78) of the M0 to M5 subtypes of the French-American-British Cooperative Group expressed various amounts of adhesion receptors, including CD11a, b, c/ <u>CD18</u> , <u>CD49d</u> , e, f/ <u>CD29</u> , <u>CD54</u> , sCD15, and L-selectin. [2001]	
Given that CD29 is currently regarded as critical for <u>transhoove</u> trafficking in general and for transvascular migration in particular, and <u>CD54</u> is also involved in transvascular <u>transhoove</u> migration, we conclude that their consistent absence in IL may contribute to its intravascular and disseminated distribution pattern. [2000]	
Lack of CD 29 🍙 (beta1 integrin) and CD 54 🎡 (ICAM-1 🍙) adhesion molecules in intravascular lymphomatosis. [2000]	

OBJECTIVE: The aim of the study was to evaluate the effect exerted by tertenadine and texoternadine on adhesion molecules expression (CDS4 ACANA) and CD29) of a human continuously cultured conjunctival epithelial cell line (WK) and a fibrobiast cell line (HEL). [1998] Flow cytometric analysis indicated a strong need to investigate for novel cell-surface characteristic markers of BMSCs because there was no obvious difference in the expression of the selected characteristic BMSC cell surface markers CD29 \(\), \(\), \(\) \(\) \(\), \(\) \(\) \(\), \(\) \(\) \(\), \(\) \(\) \(\), \(\) \(\) \(\), \(\) \(\) \(\), \(\) \(\) \(\), \(\) \(\) \(\), \(\) \(\) \(\), \(\) \(\) \(\), \(\) \(\), \(\) \(\) \(\), \(\) \(\), \(\) \(\), \(\) \(\), \(\) \(\), \(\) \(\), \(\) \(\), \(\) \(\), \(\) \(\), \(\), \(\) \(\), <u>00990</u>, <u>00105</u>, and <u>00165</u> between fast-growing and slow-growing clones. [2007] The intensity of CD29 and expression of CD4+CD45RO+ and CD8+CD45RO+ cells after culture with the CMV antigen. [1995] Inclusion of an inhibitor of protein glycosylation and exocytosis (byefeldin A) at all stages of separation partially prevented an increase in the percentage of DCs bearing CD18 ..., C29 and C54 whereas the inclusion of exclaberational (an inhibitor of polypeptide synthesis) interfered with increases in the percentage of cells bearing CD29 and CD54 . [1997] Flow cytometry analysis revealed that the adherent fibroblast-like cells were consistently positive for CD29 \, CD44 \, <u>CD185</u> $_{\odot}$, and <u>CD166</u> $_{\odot}$, and were negative for <u>CD14</u> $_{\odot}$, <u>CD34</u> $_{\odot}$, and <u>CD45</u> $_{\odot}$. [2007] Quantification of the common leakocyte beta2-integrin subunit (CD18) and the common leakocyte beta1-integrin subunit (CD29)) as well as blocking with anti-CD18 antibodies revealed no differences between PBMC adhering alone or in company of granulocytes to HDMEC. [1998] Addition of both anti-CD18 [?] and anti-CD29 mAb have an additive blocking effect; both ligand pairs may participate in MNL adhesion to neural cells, reminiscent of the multiplicity of ligands used by MNL when binding to and the light in the multiplicity of ligands used by MNL when binding to and the light in the light ATSC expressed CD29 , CD44 , CD90, CD103 and were absent for HLA-DR and 48 expression. [2004] These cells also expressed the mesonchymal stem cell (MSC >) markers CD29 > and CD44 >. [2007] RESULTS: Flow cytomoly analyses showed that in our population more than 90% of cells were positive for MSC markers: CD29 (95%), CD44 (90%), CD73 (95%), CD90 (98%). [2005] Cells were isolated and characterized using flow cytometry by surface expression of CD165 >, CD166 >, CD29 >, CD44 >, <u>CD14</u> and <u>CD34</u> . [2005] Also, the flow cytomotry analysis showed that ADSCs expressed high levels of stem cell-related antigens (CD13 \), CD29 \), CD44 , CD185 , and CD186), while did not express hematopoiesis-related antigens CD34 and CD45 , and human leukocyte antigen HLA-DR was also negative. [2008] Cell surface antigen expression of pMSC was similar to bone marrow MSC (bMSC) with lack of the haematopoietic and common leakacyte markers (CD34 o, CD45 o), and expression of adhesion (CD29 o, CD166 o, CD44 o) and stem cell (CD 90 , CD105 , CD73) markers. [2007] These cells exhibit mesenchymal stem cell (MSC >>) surface markers, including CD29 >>, CD44 >>, CD105, and plateletderived growth factor receptor-alpha. [2006] The blood was incubated with neutralizing monoclonal antibodies to CD18 , CD11a, CD11b , CD29 , CD49d , CD54 ,

alpha4beta7, or isotype-matched control antibodies, respectively, at 4 degrees C for 30 min. [1999]

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	Flow sylometry analysis after in vitro expansion on tissue culture plastic revealed that the fibroblastic cells were positive for CD29 , CD44 , CD34 , CD45 , and CD133 . [2008]	
	Like normal blood <u>basophils</u> , they express the integrins, <u>CD11b</u> , <u>CD18</u> , CD29, and <u>CD49d</u> . [1998]	4
	RESULTS: Surface epitope analysis revealed that T-MPCs were negative for <u>CD14 , CD31 , CD34 ,</u> and <u>CD45 </u> expression and positive for <u>CD29 , CD44 , CD90 ,</u> and <u>CD105 </u> expression, a characteristic <u>phenotype</u> of BM-MPCs. [2008]	
	At <u>flow evicements</u> analysis AM-hMSCs showed an immunophenotypical profile, i.e., positive for <u>CD185</u> , <u>CD73</u> , <u>CD29</u> , <u>CD44</u> , <u>CD36</u> , and negative for <u>CD144</u> , <u>CD34</u> , <u>CD35</u> , consistent with that reported for bone marrow-derived MSCs. [2007]	
	In the present study, ovine bone marrow derived MSCs positively express cell surface markers associated with MSC such as CD29 [7] , CD44 and CD45 . [2009]	
	In a retrospective immunohistochemical study based on 27 patients with stage IV follicle center symphoma (FCL) the expression of CD44standard (CD44s), LFA-1 [7] (CD11a, CD18), YLA-4 (CD490, CD29) and SQM-1 (CD54 [7]) was analysed on symphoma cells in symphoma cells in symphoma cells in symphoma (CD54 [7]) was	
	The protein markers (CD29 , CD34 , CD44 , CD45 , CD49d , HLA-DR, CD106) of hADAS cells were detected by flow cylometry (FCM) to identify the stem cell, and the cell cycle was examined for P20 hADAS cells to evaluate the safety of the subculture in vitro. [2007]	
	RESULTS: OA and NS <u>fibroblasts</u> consistently expressed CD29 &, <u>CD44 &, CD49e &, CD54 &, CD39 &</u> and <u>CD106 &</u> . [2005]	
	There was a high expression of <u>00990</u> , 0029 0, <u>0044</u> 0 and <u>00105</u> 0 and variable and moderate expression of <u>00106</u> 0 and <u>00106</u> 0 at the start of MSC culture and at each passage during expansion. [2006]	
	Flow cylometry revealed that the adherent cells were consistently positive for mesenchymal stem-cell-related markers CD29 , CD44 , CD165 and CD166 and CD166 and CD133 similar to bone-marrow-derived mesenchymal stem cells. [2007]	
	In their undifferentiated state, cells were <u>CD73</u> , <u>CD105</u> , <u>CD29</u> , <u>CD24</u> , HLA-ABC, <u>CD166</u> , positive and <u>CD45</u> , <u>CD34</u> , <u>CD86</u> , HLA-DR negative. [2006]	
	CD34+ <u>progenitor cells</u> expressed the <u>integrin</u> beta 1 chain (CD29), <u>VLA-4</u> alpha (<u>CD49d</u>), and <u>VLA-5</u> alpha (<u>CD49d</u>), and <u>VLA-5</u> alpha	<u> </u>
	Analysis by flow cylometry demonstrated that pancreatic MSCs express cell surface antigens used to define MSCs isolated from bone marrow such as CD13 , CD29 , CD44 , CD49b , CD54 , CD90 , and CD185. [2006]	
	Both FBS-moDC and HS-moDC were strongly positive for <u>CD496</u> (alpha5-integrin) and CD29 (beta1-integrin) but negative for <u>CD496</u> (alpha4-integrin). [1998]	104
	The cells were negative for <u>hematopoietic</u> markers but positive for CD29 , CD44 , CD90 , CD185, and CD165 . [2006]	
	RESULTS: Mesanchymal stem cells expressed CD185 (4.25 +/- 0.35), CD186 (27.83 +/- 1.89), and CD29 (9.4 +/-	
	0.57) and were negative for <u>2024 </u> , <u>2014</u> , and <u>2045</u> . [2005]	

The mesenchymal-related antigens 2090 a, CD29 a, CD166 a, CD105, and CD44 a were homogeneously detected by cytofluorimetric analysis, whereas membrane (2008) was expressed only by a minority of cells. [2008] They exhibited a high expression of CD2, CD18, CD29, and CD496, [1998] Both BCP-1 and HBL-6 cells lack expression of important cytoadhesion molecules including CD11a and CD18 (LFA1 [7]) alpha and beta chains), CD29 [?] , CD31 , CD44 , CD54 [?] , (ICAM-1 [?] ,), and CD621 [?] , and E (L and E selectins). [1998] 4 In contrast to a minority of DCs in whole blood, the majority of isolated DCs expressed the 22 integrins and there were a greater number of cells bearing CD44 &, CD54 & and some of the beta 1 integrins (notably CD495 &, CD496 &, CD496 & and CD29 (a). [1997] The expression of adhesion molecules (LFA-1 [7] \(\), \(\) \(\) \(\) \(\) \(\) \(\) on \(\) \(\) activated with cytomegaloxims (CMV) antigen was investigated by three-color flow cytometry analysis. [1995] Similar to mesenchymal stem cells, these amnion-derived stem cells (ADSCs) express the surface markers CD29 (and CD90 , but were negative for the lymphohematopoietic markers CD45 and CD11b [2008] - N <u>Lymphocyte</u> adhesion to the <u>retinal vessels</u> was more dependent on CD29 \((the common chain of the beta 1 integrins) expression than either CD11a/CD18 or CD493 or [1997] RESULTS: MSCs could be grown from 30 of 37 children; at the third-fourth passage MSCs resulted positive (> or = 98%) for CD73, CD105 \(\), CD105 \(\), CD29 \(\), CD13, CD44 \(\) and negative (< or = 1%) for CD34 \(\), CD45 \(\), CD14 \(\). [2006] There were significantly fewer cells expressing CDSSO, CDSSO and CD29 in the CD64-DCp population compared with CD14- DCps, and this CD64- DCp subpopulation also had a lower expression of CD115 and CD18 . [2000] These cells expressed CD29 and CD39 (Thy1.1) surface antigens, but not CD31 , CD34 and CD45 . [2008] We examined the effect of dibatyryi call (dbcAMP) on the expression of LFA-1[7] (CD11a/CD18), Mac-1 (CD11b) CD18 (CD49/CD29) and on eosinophilic differentiation of a human leukemia (CD49/CD29) and on eosinophilic differentiation of a human leukemia (CD49/CD29) and on eosinophilic differentiation of a human leukemia The cells were strongly positive for \$\frac{\infty}{20165} \times (18.5 +/- 0.14), \$\frac{\infty}{4046} \times (27 +/- 2.8), \$\frac{\infty}{4056} \times (13 +/- 9), \$\infty\$ \$\infty\$ (59 +/- 9.4), CD96 (60 +/- 11) and consistently negative for CD117 (1.2 +/- 0.1), CD106 (1.1 +/- 0), CD34 (1.2 +/- 0.2), CD14 (1.2 +/- 0.2) +/- 0), and $\bigcirc\bigcirc$ (1 +/- 0), consistent with a mesenchymal lineage. [2007] HLSCs expressed the mesonchymal stem cell markers CD29 [7] (a., CD73 [7] (b., CD44 (b., and CD90 (c) but not the hematopoletic stem cell markers CD34 &, CD45 [?] &, CD117 [?] &, and CD133 &. [2006] These cells were positive for essential MSC surface molecules (CD80 , CD105 , CD166 , CD44 , CD29) and negative for most haematopoietic and endothelist cell markers (CD45 , CD34 , CD11a, CD235a , HLA-DR, CD144). [2008] Culture-expanded C0105 (+) cells expressed C0105 (C044 (C029 (C090 (And C0106 (Abut not C014 (And C0106 (Abut not C014 (And C0106 (Abut not C014 (Abut not C CD34 , CD45 , or CD31 surface antigens, and these cells were able to differentiate into osteogenic , chondrogenic, and adipogenic lineages. [2006] Immunological features of GM-490 cells, a new blood cell line from a patient with acuse transfer leakers a included lack of CD34 &, CD38 &, CD45 &, CD14 &, HLA-DR, and lymphoid and myeloid markers and expression of CD29 &, CD38 &, <u>0044</u> , <u>0054</u> , <u>0071</u> , <u>00105</u> , and CD133. [2006]

Unstimulated and anti-CD3 stimulated peripheral blood <u>Tools</u> bear the respective ligands <u>lymphocyte</u> function associated antigen 1 [<u>LFA-1 [7] (CD38 //</u> 11a)], and very late antigen 4 and 5 [<u>VLA-4 (CD29 //</u> 49d) and <u>VLA-5 (CD29 //</u> 49e)]. [1994]	
RESULTS: The isolated, cultured and expanded P-MSCs expressed standard markers such as CD29 , CD44 and CD73 , and showed conditions. [2008]	*
Flow cytometric analysis revealed that cells from the fourth passage were positive for CD29 [7] , CD44 , CD71 [7] , CD73 [7] , CD73 [7] , CD90 , and CD105 whereas they were negative for CD14 , CD34 , CD45 [7] , and CD117 [7] . [2008]	
Enhancement of Heaviliation following cross-linkage of CD18 , CD29 or CD45 was dependent upon TNF alpha secretion. [1996]	
We identified 463 unique proteins with extremely high confidence, including all known markers of hMSCs (e.g., SH3 [CD71], SH2 [CD185], CD186 , CD44 , Thy1 , CD29 , and HOP26 [CD63]) among 148 integral membrane or membrane anchored proteins and 159 membrane-associated proteins. [2005]	
Similar to the parental MSCs, hybrid cells are positive for the cell-surface markers CD29 [7] , CD44 , CD49e , and Sca-1	
Flow cytomatry revealed that the adherent cells were consistently positive for <u>mesenchymal stem cell</u> related markers <u>CD13</u> , <u>CD29</u> , <u>CD44</u> , <u>CD34</u> , <u>CD34</u> , and negative for the <u>hematopoletic</u> markers <u>CD14</u> , <u>CD34</u> , <u>CD34</u> , <u>CD45</u> , and <u>CD133</u> , similar to control <u>bone marrow stromal cells.</u> [2009]	
The cells expressed CD29 <u>, CD44 , CD49b</u> , <u>CD99</u> , <u>vimentin [?]</u> , and <u>fibronectin [?]</u> but not <u>CD45</u> , indicating that they are of mesenchymal cell origin. [2007]	
RESULTS: At 1 week of culture, cells expressed CD11a, CD18 [3] 🌦, CD29 🌦, CD49d 🕋, and CD49e 🏠. [2001]	
They stained strongly for <u>CD13 , CD29 , CD44 , CD90 ,</u> and <u>CD105 ,</u> and were negative for <u>CD34 ,</u> and <u>CD56 ,</u> but were also negative for LNGFR (<u>low-affinity nerve growth factor receptor</u>) and STRO1. [2008]	
The molecules studied included CD3, CD45R, <u>UCHL-1</u> (CD45RO), <u>Importance</u> function-associated antigen 1 (LFA-1) (CD11a, CD18), intercellular adhesion molecule 1 (<u>ICAM-1 (a)</u>) (CD54 (a)), 4B4 (CD29 (a)), CD44 (a), CD2, and <u>LFA-3 (a)</u> (CD58 (a)). [1990]	
Biopsy specimens taken from skin before, during, and after <u>evolosporin</u> treatment were stained immunohistochemically for <u>CD</u> <u>54 (10AM-1)</u> , CD 29 (beta-1 integrins), and <u>CD18 (10AM-2</u> integrins). [1993]	
It was found that MSCs were positive for <u>CD13 a, CD29 a, CD44 a, CD73 a, CD90 a, CD165 a</u> , and <u>CD166 a,</u> but negative for <u>CD14 a, CD31 a, CD34 a, CD62E a, CD45 a</u> , and GlyA. [2008]	*
When CD29 expression was examined in place of FA-177 expression, similar results were obtained; CD45RAhigh CD45RO-1708 consisted of two distinct subpopulations, CD29 -to low and CD29high cells, while CD45RA-CD45R0high results were mostly CD29high. [1993]	
In contrast, other surface antigens such as HLA-DR, -DP and -DQ, ICAM-10, LEA-30 and CD290, which are all known to participate in leucocyte-keratinocyte interactions, were similarly expressed in both cell types. [1994]	

EBU.65+, CD4+ 1 cells had low levels of expression of CD45R0, CD29 , CD34 and CD38 , and had high levels of CD45RA antigen. [1991] Freezing markedly reduced the fraction of (2034) + cells with L-selectin (2002) expression from 62 to 11% and also diminished the fluorescence intensity for the integrin subunits CD29 and CD49d on CD34 a+ cells. [1998] The CD4,CD45RO, or memory [3,008], subset was numerically normal but expressed increased levels of adhesion markers (CD29 , CD54 , and CD58). [1993] Comparison of chronic lymphocytic leakernia and marginal 8-cell lymphoms showed that the former presented a higher expression of CD48c and a lower expression of CD11a, CD11b , CD18 (?) , CD49d , CD29 , and CD54 . [2006] These cells, through flow cytometry analysis, were mainly positively marked for five mesenchymal stem cell antigens (CD29), CD30), CD305), SH3, and SH4), while negative for hematopoietic cell markers, CD34), CD34), CD45), and CD117 , and for endothelial cell marker, CD31 ... [2008] Stromal cell-associated markers (CD13 a, CD29 a, CD44 (?) a, CD63 a, CD73, CD96 a, CD186 a) were initially low on SVF cells and increased significantly with successive passages. [2006] RESULTS: Isolated corneal keratocytes exhibited a fibroblastoid morphology and expressed CD13 \, CD29 \, CD44 \, <u>0056 ௐ, 0073 ௐ, 0090ௐ, 00105</u>ௐ and <u>00133 ௐ,</u> but were negative for HLA-DR, <u>0034 ௐ, 00117 ௐ</u> and <u>0045 ௐ</u>. [2007] (00) 4 Mononuclear cells collected from the menstrual blood contained a subpopulation of adherent cells which could be maintained in tissue culture for >68 doublings and retained expression of the markers CDS , CD29 , CD41a, CD44 , CD58 , CD73 , and CD105, without karyotypic abnormalities. [2007] Flow cylometry analyses and immunocytochemistry stain showed that placental MSC > was a homogeneous cell population devoid of hematopoietic cells, which uniformly expressed CD29 , CD44 , CD73 , CD185 , CD186 , laminin, <u>Strongetting</u> and <u>vingenting</u> while being negative for expression of <u>CD31 a, CD45 a</u>, and alpha-smooth muscle actin. [2005] Flow cylometry analysis revealed that CD29 & CD44 & CD35 & CD105 & and HLA-I were expressed on the cell surface, but there was no expression of hematopoietic lineage markers, such as 2004, 2008, 2007, and HLA-DR. [2008] Analysis of 10 surface molecules, CD11a, CD18 \(\), CD29 [?] \(\), CD496 \(\), CD496 \(\), CXCR-4 [?] \(\), CD62L [?] \(\), CD31 \(\), 2343 , and 2344 over a 5-day culture period showed that their expression levels were either maintained or up-regulated on CD34(+) cells and the primitive Thy-1(+) subset. [2001] CsA was found to have no effect on keratinocyte expression of CD29 , CD58 or CD115 and c. The persistence of CD\$4 > on vascular and office from and of adhesion molecule expression on keratinocytes, despite resolution of the skin lesions, may explain the universal and rapid recurrence of page on cessation of CsA administration. [1991] RESULTS: Upon culture, UC-MSCs express a defined set of cell surface markers (CD29 >, CD44 >, CD73 >, CD90 >, CD105, CD166 A, and HLA-A A) and lack other markers (CD45 A, CD34, CD36 A, CD117 A, and HLA-DR) similar to BM-MSCs. [2008] All clones expressed CD3, CD2, CD18 and CD29 a. [1992]

In addition, mAb to the adhesion molecules LFA-3 (a), CD2 (b), LFA-1 [2] (c), CD29 (c), and to the tyrosine phosphatase CD45 (c) also inhibited proliferation, indicating the involvement of T to Tost interactions. [1991] Flow cytometric analysis showed that fetal lung MSCs expressed CD13 \(\), CD29 \(\), CD44 \(\), CD38 \(\), CD185 \(\), CD166 \(\), and HLA-ABC, but not <u>CD14 , CD31 , CD34 , CD38 , CD48 , CD42b , CD45 , CD49d , CD61 , CD106 , CD106 , CD42b , CD49d , CD61 , CD106 , CD42b , CD49d , CD49d , CD61 , CD406 , C</u> 00133 (and HLA-DR. [2005] Young HMEC until [23] demonstrated a nearly 100% expression of distinct adhesion molecules such as CD24 (a), integrals beta 1 (CD29) and CD44 similar to the human mammary temor cell line MCF-7. [2008] Surface analyses indicated higher percentages of CD48d (alpha 4)+ and CD29 (beta 1)+ CD4 Thymphocytes in adherent cells, but less of a differential in CD49 (alpha 4)+ and no difference in CD29 (beta 1)+ 8 tymphocytes. [1994] We used flow cytometry to examine the cells' expression of CD29 \(\), CD31 \(\), CD35 \(\)? \(\), CD34 \(\), CD44 \(\), CD144 \(\), ***** CD145 , Fixt [7] , and Sca-1 . [2006] The expressions of the CD25 gene and the VLA-4-integrin subunit genes, CD495 (alpha-subunit) and CD29 (betasubunit), were compared in the reticulocytes of steady-state SCA patients and patients on HUT using real-time 208. [2007] Accordingly, flow cytometry demonstrated that reflectionaries from patients on HUT had significantly lower CDSS > and CD490 surface expressions (P < 0.01) and, importantly, significantly lower expressions of the CD35 , CD490 and CD29 genes (P < 0.05) than reticulocytes of SCA patients not on HUT. [2007] In contrast, LFA-1 [7] - and YLA-5 (CD29 - specific antibodies did not have an additive blocking effect on CD4+ [1] cell adhesion, suggesting that efficient adhesion requires a competitive association of integrins with approximation elements. [1994] The possibility of administration of loaded collections was verified and comparative analysis of the abendance of mesenchymal stem cells by the expression of fibronectin , pestin , CD13 , CD29 , CD34 , CD44 , CD54 , CD98 , CD185 , CD186 , HLA-ABC, HLA-DR, and PCNA was carried out. [2008] Results: The hUCMSCs were positive for the human MSC -- specific markers CD13 -- , CD29 -- , CD44 -- , CD185 -- and nerve growth factor receptor, but negative for the haematopoietic lineage markers CD31 [7] , CD34 , CD38 , CD45 , and HLA-DR. [2009] Antibodies against (LA4), CD29, and LFA-1 also inhibited the induced (LA4) secretion in plasma cell-LTBMC cocultures. [1994] The re-epithelialization markers in alpha3 and skin-derived antileucoproteinase were remarkably increased with the presence of SEGE [7] in a dose-dependent manner, while the mesenchymal cell surface markers CD29 [7] and CD44 a were downregulated in a time-dependent manner. [2005] Analysis of the beta 1 integrin subfamily (CD29 a, CD49b a, CD49c a, and CD49f) showed no significant change, except that CD48e was significantly decreased on the HTLV-infected extenses. [1995] 100 Nineteen mAbs specific for CD11a (1), CD14 [3] (3), CD18 (1), CD21 (1), CD29 (2), CD44 (2), CD47 (3), © 2049 (1), © 2017 (1), CD45RB (1), © 2041 (1), RACT48A, and GBSP71A reacted with goat LDA. [2007]

This study described the distribution, pattern and intensity of cytokine TGFa, adhesion molecules <u>CD 34</u> and <u>CD 44</u> and integrins a2, a3, <u>CD 29</u> (beta 1 chain) and <u>CD 61</u> (beta 3 chain) in <u>hepatocellular carcinoma (HCC</u>), metastatic liver tumors and <u>hepatic cirrhosis</u> . [1995]	
Finally, comparison of <u>mantin-cell lymphoms</u> and marginal <u>B-cell lymphoms</u> showed that marginal <u>B-cell lymphoms</u> had a higher expression of CD11a, <u>CD11c , CD18 [7] , CD29 ,</u> and <u>CD54 .</u> [2006]	
The circulating <u>menocytes</u> also displayed a steady increase in membrane expression <u>apregulation</u> of <u>ICAM-1</u> , CD29 , CD11b , and CD11c . [1996]	<u></u>
When monoclonal antibodies that specifically block the interaction of these integrins with their ligands were used, we observed that CD29 is only involved in adhesion and CD110 only in migration, whereas CD11a participates in both processes. [2000]	
Phenotypically, MSCs can be defined with a minimal set of markers as <u>CD31</u> ; , <u>CD24</u> ; and CD45-negative cells and <u>CD13</u> ; , <u>CD29</u> ; , <u>CD73</u> ; , <u>CD90</u> ; , <u>CD105</u> ; , and CD166-positive cells. [2007]	4
FhIPR and FhIPR-G(s)alpha distribution was similar to that of transmembrane <u>plasma membrane</u> (PM) markers (<u>CD147</u>), MHCI, CD29, <u>Tapa1</u> , the alpha subunit of Na,K-ATPase, transmembrane form of <u>CD58</u> and <u>CD44</u>). [2004]	- A
For H9 cells, intracellular filamentous actin formation and the cell surface expression of CD3, CD11a, <u>CD25 [7], CD25 </u> , <u>CD44 , CD29 </u> were measured by using flow cytometry. [2004]	_1
Of the cluster designations tested, CD29 , CD496 , CD51 and CD61 were strongly expressed on HBMMC. [2002]	
RESULTS: MSC express the relative specific antigens of MSC, such as MSC, alpha-smooth actin, CD29 , CD44 , CD90 and S100 (?). [2006]	
<u>Beta 2 (CD18)</u> and beta 1 (<u>CD29 [?]) integrin</u> mechanisms in migration of human polymorphonuclear leucocytes and monocytes through lung fibroblast barriers: shared and distinct mechanisms. [1997]	
RESULTS: <u>Coronary repertusion</u> down-modulated <u>monocyte</u> molecules expression, especially for <u>CD18 [7]</u> (P = 0.048), <u>CD44</u> (P = 0.0035), <u>CD490</u> (P = 0.0029), <u>CD29</u> (P = 0.032), HLA-DR (P < 0.0001), <u>TLR-4</u> (P = 0.0109), <u>CCR2</u> (P = 0.0184), <u>CCR5</u> (P = 0.0396), and <u>CX3CR1</u> (P < 0.0001). [2005]	
Activation markers such as <u>CD25</u> , HLA-DR, <u>CD29</u> and adhesion molecules (<u>CAM-1</u> and <u>LFA-3</u>) were clearly elevated in this group in comparison to 40 healthy volunteers. [1993]	
Surface expression of the beta-2-integrin chains (CD11a, CD11b, CD11c, and CD18 [?],), and the beta-I-integrin chains (CD49b, CD49b, CD49d, CD49d, CD54), as well as that of members of the immunoglobulin superfamily (CD2, CD54), CD55 and CD58, were analyzed by one- or two-color flow cytometry. [1995]	
Only a minor impact on other cell surface receptors (CD29 ू, CD50 ू and CD54 ू) was noted. [2006]	
These antibodies were directed against CD29 (MEM1O1A, <u>K23</u>) and <u>CD18</u> (BU87, 7E4), the common beta1- and beta2- integrin subunits respectively. [1999]	
The other adhesion molecules studied remained steady (CD115 , CD49d , CD49e , CD29 , CD28 , and CD62L). [1994]	
In cases of low to medium extent of endothelization, the adherence of <u>monocytes</u> and <u>granulocytes</u> was mediated by the expression of <u>CD166</u> , CD29 and CD11a (alpha-L <u>integrin</u>), CD29 a, <u>CD31 a</u> (<u>PECAM-1 a</u>), respectively. [2003]	

We isolated an adherently growing population of HUCB-derived cells expressing Q013, Q029 \(\infty, \quad \text{Q071} \(\infty, \quad \text{Q073} \), <u>00166 , Fix-1, and vimentin (7) , but lacking 0034 , and 0045 ... [2005]</u> These cells were found to express CD29 \(\), CD44 \(\), CD95 \(\), CD95 \(\), CD105 \(\), CD166 \(\), and MHC class, but not 4 CD14 \(\), CD34 \(\), CD46 \(\), CD45 \(\), CD80 \(\), CD86 \(\), CD117 \(\), CD152 \(\), or MHC class II. [2005] * MATERIALS AND METHODS: Changes in CD29 , CD34 , arranges y binding and GSH levels were examined using FITCconjugated antibodies or \$2000 probes and flowcytometry. [2000] These hemangioma-derived MSCs (Hem-MSCs) are similar to MSCs obtained from human bottom expressing the cell surface markers SH2 (CD105), SH3, SH4, CD90 , CD29 , smooth muscle alpha-actin , and CD103 but not the hematopoletic markers 0045 and 0014 or the hematopoletic/endothelial markers 0034 a, 0031 a, and kinase insert domain receptor & (KDR &). [2006] Moreover, Entamoeba-induced ROS generation in property was inhibited by mAbs against CD18 [7] or CD118 or, but not by mAbs against CD11a, CD11c , or CD29 ... [2007] The present report describes the induction of aggregation of Assacration by antibodies to alpha 5 (CD480) and to a lesser extent by antibodies to the common beta 1/<u>CD29 [7]</u> chain of these integrins. [1991] RESULTS: FACS analysis indicated that \$\(\sigma \) +ve cells were positive for \$\(\sigma \) \$\(\sigma \), \$\(class I, albumin and AFP but negative for HLA class II (DR) and CD45 ... [2008] In addition, CD4 \(\), CD38 \(\), CD29 \(\), CD45RO expression on peripheral CD3(+) \(\) cells were studied using flow cytometry. [2002] 1 A stromal marrow cell (SMC) population expressing the markers CD68 3, CD29 3, CD13, and CD54 3 was identified. [2001] ionizing radiation caused an up-regulation of the cell surface expression of intercellular adhesion molecule-1 (ICAM-1 (a)) and * integrins beta1 (CD29), alpha2 (CD490), alpha5 (CD49e) and alpha6 (CD495) in kerstinocytes, which was inhibited by 1alpha,25(OH)2D3. [2006] METHODS: Immunohistochemical study was used to evaluate the expression of molecular mediators, home magnificantly in the control of the contr protein 4 (SMF-4), beta-caterán, osteopontin, osteopectin, and osteocalcin, and cell markers, smooth muscle actin, CD29 and CD44 ... [2008] We have studied the post-injury expression of the improves, monocyte and neutrophil adhesion molecules CD11a (LFA-1 (2) (), CD110 (), CD11c (), CD29 () (beta-1 integrin) and CD621. (L-selectin) in a group of 36 trauma patients, 13 of whom had suffered major trauma (ISS > or = 16), 15 moderate trauma (ISS = 9-15) and eight minor trauma (ISS < 9). [1997] mAb, an 1003 precipitating a 70 kDa structure from HUVEC, was able to induce endothelial cells to secrete amounts of IL-6 significantly higher than irrelevant controls or mAb binding different endothelial antigens (i.e. CD31 4, CD29 [2] 4, CD49 [2] (1998) and HLA class I). [1998] The percentage of hymphoxytes bearing the adhesion molecules CD49d \(\), CD29 \(\) and CD521, was increased in \(\) blood, but the level of CD29 & and CDS21 expression was reduced. [1996]

In the binding assays, the numbers of FDCs bound to human have been added as and LFs of cryostat sections of human have been were reduced markedly by pretreatment with monoclonal antibodies against CD29 , CD49e , and CD49f. [1996]	
SAg-induced death of primed <u>Tables</u> was also inhibited by monoclonal antibodies (mAb) directed at the CD11a/ <u>CD18</u> molecule but not those reactive with other <u>Table</u> surface molecules such as <u>CD2</u> , <u>CD7</u> , <u>CD28</u> , <u>CD29</u> or <u>CD49d</u> . [1993]	
The expression of the beta subunit of the <u>beta2</u> integrins (<u>CD18 (?)</u>), but not that of beta1 integrins (CD29), was increased during 24-h RA treatment. [2000]	
Moreover, several integrins (<u>CO11b &, CO11c &, CO18[7] &,</u> CD41a, <u>CO61 &</u> and CO29 & were also found. [1997]	
Immunofluorescent staining of <u>cells cultured</u> on <u>fibronectin</u> showed the 100 kd protein coinciding with the fibronectin receptor beta subunit, in sites of substrate contact. [1989]	
The beta subunit of the human fibronection receptor (FNRS) is a transmembrane protein belonging to the VLA (very late antigens of activation) family. [1989]	
A cDNA clone of the beta subunit of human <u>fibronecting</u> receptor (FNRB) detects two different polymorphic loci: (a) a codominant system previously mapped to the pericentromeric region of <u>chromosome</u> 10, the site of the functional FNRB gene; and (b) a dominant system not linked to the first one or to any <u>chromosome</u> 10 marker tested. [1990]	
Intracellular tyrosin-phosphorylation induced by <u>fibronectin</u> by CD29 stimulation in H9 cells was analyzed by immunoblotting. [2004]	
	100
Twenty three mAbs specific for <u>CD7</u> (1), <u>CD3</u> (2), CD11a (1), <u>CD14 [7]</u> (3), <u>CD18</u> (4), CD29 (1), <u>CD32 [7]</u> (1), <u>CD44</u> (1), <u>CD47</u> (4), <u>CD49d</u> (2), <u>CD50</u> (1), <u>CD80</u> (1), <u>CD172a</u> (1), and GBSP71A reacted with <u>Hama</u> LDA. [2007]	
Moreover, the influence of chemotactic agonists on the adhesion properties as well as the quantitative expression of CD29 ,, CD11b/CD18 and CD61 , was analysed by flow cytometry. [1996]	
ivmphosytes adhere to <u>fibronestin & (FN &</u>) via multiple receptors of the VLA (beta 1, CD29 & integrin) family. [1991]	
These cells were identified with the epithelial markers, including <u>alpha interpretation</u> (AFP), albumin (ALB), cytokeratins (CK) 7, and <u>CK18</u> , as well as the mesenchymal markers, such as alpha-smooth muscle actin (ASMA), CD29, CD44, CD49,	
Concomitantly, Mabs against <u>CD63</u> and <u>CD82</u> diminished the surface expression of CD29 , <u>CD110</u> , <u>CD18</u> , and alpha5 integrins. [2004]	
The surface density of CD29 on CD45R0 bright LP-T corresponded to that of CD45R0 negative PB-T, and a significant proportion of CD45R0 bright LP-T was even negative for CD11a/CD18 and CD29 . [1992]	
TLC from both panels showed similar levels of expression of TCR alpha/beta, <u>CDA , CD25 , CD25 ,</u> and CD29 and recognized nickel in association with class II HLA molecules with restriction determinants in HLA-DR, HLA-DP, and HLA-DQ. [1992]	
We studied the expression of various cell surface molecules (<u>CD25 [?], CD28 </u> , CD29 , CD45RO, <u>CD56, LFA-1 , VLA-</u> 4) on peripheral blood CD4+ <u>T-cells</u> in 6 <u>relapsing-remitting multiple sclerosis</u> (RR-MS) patients. [1996]	4

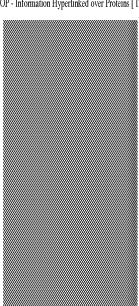
The heterogeneity of CD31 antices expression by CD4-positive cells was further examined by dual-labelling of purified CD4 cells with mAb B2B1 and CD45RA or CD29 mAb which identify naive and memory respectively. [1991]	
We then asked whether the corresponding integrin adhesive counter receptors improve function-associated antigen-1 (CD11a/CD18), macrophage-1 antigen (CD11b (CD18)), p150,95 (CD11c (CD18)), and very late activation antigen-4 (CD49/CD29) are increased in patients with preciampsis. [1997]	
METHODS: By means of <u>flow cytometry</u> analysis, we evaluated <u>(CAM-1)</u> and <u>CD29</u> expression by WK and HEL <u>epithelial</u> <u>cells</u> in basal condition (at baseline) or after <u>IFN gamma</u> or <u>TNF alpha</u> stimulation in the presence or in the absence of <u>terfenadine</u> and <u>lexofenadine</u> . [1998]	
Other markers were only occasionally found (CD4 , CD11b , CD29 , CD29 , and CD54), and the remaining above antigens were not expressed. [1997]	
Here, we show that spheroid cultures of these colon CSCs contain expression of <u>CD133 </u> , <u>CD166 </u> , <u>CD44 </u> , <u>CD29 </u> , <u>CD24 </u> , <u>CD24 </u> , <u>CD29 </u> , <u>CD29 </u> , <u>CD24 </u> , <u>CD29 </u> , <u>C</u>	
Cell contact-dependent costimulation of https://www.neceptors that can costimulate https://www.neceptors that can cost https	
Variable numbers of cells of each of the clones expressed Ag identified by mAb 4B4 (CD29), Loss Leu 15 (CD33b), and NKH1. [1988]	*
Of these <u>divcoprotein</u> receptors, <u>CD45</u> and <u>CD71</u> , but not <u>CD29</u> and <u>CD43</u> , appear to be involved in <u>galectin-3</u> induced <u>Toell</u> death. [2006]	
Consistent with previous reports on tissue-derived wast calls, those derived from foetal liver in vitro expressed HLA class I, CD9 , CD29 , CD33 , CD43 , CD45 and Kit. [1993]	
The following parameters were studied: surface molecules expression (CD1817) , CD11b , CD44 , CD162 , CD15s, CD60 , CD86 , CD16 , CD49 , CD29 , CD25 , HLA-DR, Tol-like receptor-4 , [TLR-4], CXCR1 , CCR2 , CCR5 , CX3CR1 ,), oxidative burst response, monocyte-platelet conjugates (using antibodies against CD45 , CD14 , CD14 , CD41a), and platelet activation (CD62P , PAC-1). [2005]	
RESULTS: HGMC were found to react with antibodies against CD29 , CD33 , CD44 , CD45 , CD47 , CD54 , CD55 , CD55 , CD56 , CD63 , CD117 , CD147 , CD151 , CD151 , CD172a , and CD203c . [2005]	
Serum LDH was elevated to 3,990 u/l. The T-CLL cells coexpressed antigens detected by MAbs ©D2 \(\), CD3, CD4, \(\) CD5 \(\), Ti (TcR alpha/beta; WT31) \(\) CD45 \(\) and CD45RA, but did not express any other antigens including \(\) CD3 \(\), CD8, \(\) CD2 \(\), and TCR gamma/delta, Ti gamma A and TQ-1. [1993]	
	top
The spectrum of phenotypic markers in PSCs was investigated; a similarity was revealed when using human bone marrow-derived stem colls as the comparative experiment, such as CD29 , CD44 , CD49, CD50, CD51 , CD62E , EDGFR , alpha, CD73 (SH2), CD81 , CD105(SH3). [2006]	
Both OCs and FBGCs expressed the alpha-chains of the <u>vitromectin receptor (CDS1)</u> and of the <u>VLA-2 (CDw49b)</u> and <u>VLA-4 (CDw49d)</u> molecules as well as their respective beta-chains, gpllla (CDS1) and CD29 (1991]	
The <u>cell adhesion</u> receptors <u>GPIV (73 & (CD36 &)</u>) and <u>integrin alpha & 4 beta 1 (CD48d &/CD29 &)</u>) were previously identified on circulating sickle <u>reliculocytes</u> , and shown to mediate sickle RBC adhesion to the <u>endothelium</u> . [1996]	

These mast colls and the other cell types present also adhere spontaneously to more and to laminin, this adhesion being partially inhibited by antibodies against cost and cost integrins. [1995]	
CD45R0 bright LP-T were also bright for <u>CD2</u> and <u>CD58</u> but had significantly reduced surface densities of CD11a/ <u>CD18</u> and CD29 compared with CD45R0 bright PB-T. [1992]	_#
CD45R0 bright Tobles from the peripheral blood (PB-T) were predominantly bright for CD2 , CD38 , CD29 , and CD11a/CD18 whereas CD45R0 dim PB-T had bimodal expression profiles and CD45R0 negative PB-T were dim or even negative for these Ag. [1992]	
Very-late antigen (VLA)-4(CD49d/CD29) constitutes the only member of the beta 1 integrals family that plays a role in the interaction of lymphoid cells with both extracellular matrix and endothelial cells through two identified ligands: fibronecting (FN) and VCAM-1, respectively. [1991]	
The recognition of equine imphocyte antigens by monoclonal antibodies (mAbs) directed against human CD11a, <u>CD18</u> , <u>CD21</u> , <u>CD23</u> , CD29 , and DR, as well as mouse <u>CD23</u> , was studied by flow cytometry. [2003]	
Six markers (<u>CD1617)</u> , CD29 , <u>CD33</u> , <u>CD35</u> , <u>CD35</u> , <u>CD44</u> , <u>CD71</u> , and HLA-DQ) remained unchanged. [2002]	
With regard to the integrin family, monocytes expressed beta 1 (CD29), alpha 4, alpha 5, alpha 6, beta 2 (CD18 [7]), CD11a, CD11b , and CD11c subunits, but not alpha V (CD51). [1994]	***
Array data showed that both hbmMSC and hpMSC expressed mRNA for the <u>cell adhesion</u> molecules <u>CDS4</u> (<u>ICAM-1</u>), <u>E-cadherin</u> , <u>CD166</u> (<u>ALCAM</u>), <u>CD56</u> (<u>NCAM</u>), <u>CD106</u> (<u>VCAM-1</u>), <u>CD49a</u> , b, c, e and f (integrins <u>alpha1</u> , 2, 3, 4 and 6), <u>integrin</u> alpha11, <u>CDS1</u> (<u>integrin</u> alphaV), and CD29 (integrins beta1). [2008]	_#
Accumulating evidence suggests that the VLA/CD29 molecule plays an important role in <u>real</u> costimulation, and CD4+CD29/VLA+ memory <u>reals</u> play a key role in induction of <u>CD8</u> killer effector <u>reals</u> which are considered to be a major population involved in <u>graft rejection</u> . [1996]	_#
Expression of the CD29 , CD495 and CD31 adhesion molecules on the platelet surface was unaffected by storage in Diatube-H. [1995]	
Expression of markers for hepatic progenitors such as albumin, <u>alpha-fetoprotein (AFP)</u> , CD29 (integrin beta1), CD49((integrin alpha6) and CD90((Thy 1) was studied by using flow cytometry, immunocytochemistry and RY-PCR; HLA class I (A, B, C) and class II (DR) expression was studied by flow cytometry only. [2008]	
Large <u>local adhesions</u> containing aggregates of 1738/ , 17	
Antibodies to the integrins CD11a and CD29 or to the glycolipid-anchored proteins CD14 and CD55 also had no effect. [1995]	
AG-F cold line demonstrated an unusual phonotype, lacking surface CD2 and CD3, but expressing high levels of CD4 a, CD5 a, CD7 but expressing high levels of CD4 a, CD5 a, CD7 but expressing high levels of CD4 a, CD5 and CD45RO. [1993]	_#
The formation of these processes is shown to require the interaction between the beta1-integrin (CD29) on the surface of the DCs and fibronectin in the extracellular matrix. [2006]	
	being partially inhibited by antibodies against CD81 and CD99 integrins. [1995] CD45R0 bright LP-T were also bright for CD2 and CD99 by but had significantly reduced surface densities of CD11a/CD18 and CD29 compared with CD45R0 bright PB-T. [1992] CD45R0 bright I cells from the peripheral blood (PB-T) were predominantly bright for CD2 cases. CD29 and CD11a/CD18 whereas CD45R0 dim PB-T had bimodal expression profiles and CD45R0 negative PB-T were dim or even negative for these Ag. [1992] Very-late antigen (VLA)-4(CD49d/CD29 can constitutes the only member of the beta 1 stegrin family that plays a role in the interaction of by branching and both extracellular ristors and extecked cases through two identified ligands: fibroneosing (PR car) and VCA841 cases expectively. [1991] The recognition of equine lymphocyte antigens by monodonal antibodies (mAbs) directed against human CD11a, CD18 cases and VCA841 cases. CD29 cases and DR, as well as mouse CD23 cases studied by 850 extrametry. [2003] Six markers (CD1612) cases. CD29 cases. CD23 cases. CD23 cases. CD24 cases. CD21 cases. CD22 cases. CD22 cases. CD23

	Whereas expression of HLA class I, HLA-DR, intercellular <u>cell adhesion</u> molecule-1, and CD29 was distributed homogeneously within a patient's serial sections, immunoreactivity of <u>vascular cell adhesion molecule-1</u> , <u>iymphocyte</u> function antigen-3, and the selectins was accentuated on single vascular endothelia. [1999]	*
	In turn, cells with the mesenchymal <u>phonotype</u> displayed a fibroblast-like morphology and expressed several MPC-related antigens (<u>SM2, SM3,</u> SH4, <u>ASMA,</u> MAB 1470, <u>CD13, CD29</u> and <u>CD49e</u>). [2000]	top
	In contrast to CD56bright+ PBNK cells, DLGL were still brighter for <u>CD56</u> and show higher expression for CD29 and CD45RO. [1997]	*
	The DNA markers, REP3 (retinol-binding protein 3, interstitial) and FNRS (intersection receptor, beta polypeptide), are both tightly linked to the MEN2A locus, and are localized to opposite sides of the MEN2A locus. [1991]	
	FACS analyses and immunostaining showed the mesenchymal characteristics of these cells by positive staining for fibronecting- , vimenting, CD49E, and CD29g. [2006]	_#
	Our results indicate that 15 anti-human CD9 , CD10 , CD14 [?] , CD20 [?] (two clones), CD22 , CD25 [?], CD29 [?] (two clones), CD32 [?] , CD47 [?] (two clones), CD49d , CD49d , CD49d , and CD86 mAbs exhibit clear cross-reactivity with GB1988 pig splenocytes. [2007]	
	These <u>strongal cells</u> displayed a new <u>phenotype</u> with positive immunostaining for <u>CDS </u> , <u>CD10</u> , CD29 , <u>CD146</u> , <u>CD166</u> and <u>Multi drug resistance</u> protein. [2008]	
	Thymus samples of animals treated with 1 and 10ng/kg were additionally analysed by <u>Western blotting</u> for <u>ECM</u> proteins, transforming growth factor-beta(1) (TGF-beta(1)) and <u>integrin</u> chain content (<u>CD49a), CD49e), CD49f </u> and CD29). [2006]	
	The quantitative levels of <u>CD118/CD18</u> , but not CD29 and <u>CD61</u> , was increased by fMLP, but not <u>RANTES</u> nor <u>it.</u> § [1996]	
	METHODS: Flow cytometric analysis of CD3, CD19, CD38/CD18 [7] , CD4 , CD8 , CD4 /CD29 , CD4 /CD45RA, CD4 /CD46RA, CD4 /CD4RA, CD4 /CD46RA, CD4 /CD46RA, CD4 /CD46RA, CD4 /CD46RA, CD4 /CD4R	
	We studied the changes in expression of <u>CDS</u> and beta1-integrins (CD29, VLA) in human <u>vascular smooth muscle</u> cells (VSMCs) under in vitro culture conditions mimicking proliferative <u>vascular diseases</u> . [1998]	
	The most significant phenotypic difference between ATL cells and CTCL cells was the expression of Leab (https://node.homing. receptor), CD7 and CD25 antigens on the cell surface, and the main phenotypic difference between skin-infiltrating ATL and CTCL cells and peripheral blood and https://node.ATL cells was the expression of CD29 and CD45RA. [1990]	*
	Animals were hysterectomized on Days 40, 80 or 120 of pregnancy and start immunostained for integrins (TGAV , TGA4 , TGA5 , TGA5 , TGB1 , TGB3 , and TGB5 [?] , ECM , proteins (SPP1 , LGALS15 , FN and YTN , cytoskeletal proteins (ACTN , and TLN1 ,), and signal generator (PTK2 ,). [2008]	
	NKL cells express CD2 , CD6 , CD11a, CD26 , CD27, CD29 , CD38 , CD43 , CD58 , CD81 , CD94 , CD95 , class II MHC , and the C1.7.1 antigen, but do not express detectable levels of CD3, CD4 , CD5 , CD8 , CD8 , CD14 , CD19 , CD19 , CD20, CD28 , alpha/beta or gamma/delta cell receptors on the cell surface. [1996]	
ummummummummummum		

Neutralizing antibodies reactive with either <u>aliable 4, VCAM-1 (w)</u> , or CD29 (were all equally capable of inhibiting the binding of activated <u>leakocytes</u> to mesothelial cells (in the presence of anti-CD18 antibody). [1994]	- A
By means of <u>dissection/proteinase</u> digestion techniques, high numbers of viable mononuclear cells were harvested from human placenta at term, and a mesenchymal cell population with characteristic expression of <u>CDS</u> , <u>CD29</u> , and <u>CD73</u> was obtained in culture. [2004]	
RA-NLC constitutively expressed CD29 , CD49c , CD54 (CAM-1), CD106 (VCAM-1), CD157 (BST-1), and class I MMC molecules, and secreted IL-6, L-7 (2) , L-8 , granulocyte-macrophage colony-stimulating factor (GM-CSF) and granulocyte colony-stimulating factor (GM-CSF). [1998]	
The expression of intracellular <u>galectin-3</u> , or cell surface CD29 , <u>CD51</u> , and <u>CD51</u> was determined by <u>flow cytometry</u> before and after adhesion. [2005]	
Both CD29 and CD3 were expressed at normal levels on <u>lymphocytes</u> from patients > 3 mo after allo-BMT, whereas continuous interaction with <u>CCM</u> through VLA proteins or crosslinking of VLA beta 1 expressed by <u>realls</u> with anti-CD29 mAb results in poor induction of CD3-mediated <u>reallo</u> proliferation for a prolonged period (> 1 yr) after allo-BMT. [1994]	
Members of the beta 1 (CD29 [?]) integrin family are involved in cellular adhesion to extracellular matrix [?]. [1991]	
Sixty-six percent of the DCM biopsies presented CD29 abundance also within the extracethalar matrix and the sarcotemma. [1999]	
Conversely, some <u>CD98 [7]</u> antibodies were potent inhibitors of CD29induced aggregation. [2001]	10
Only a percentage of the FDC population was positive for the VLA beta-1- and alpha-3-chain (CD29 &, CD49c &), the vitronectin receptor (CD51 &) and the vascular cell adhesion molecule-1 & (VCAM-1 &). [1992]	
Cynaropicrin potently blocked CD29 (beta1 integrins)- and CD88 [2] -induced homotypic aggregation with IC(50) values of 3.46 and 2.98 microM, respectively, without displaying cytotoxicity. [2004]	
In this study we have examined inhibitory effect of cynaropicrin on activation of major adhesion molecules [CD29 (a) (beta1 integrins), CD43, and CD88 [2] (a) on the cells assessed by U937 (promonocytic cells) homotypic aggregation. [2004]	
In souther, Toells were of a minor population (< 2% of total cells), and not all expressed activation markers for CD29 (very late antigen-1 (VLA-1)), IL-2R and HLA-DR. [1995]	
This screening identified mAbs that consistently reacted with both putative myeloid (CD10, CD22 &, CD23 &, CD27 &, CD29 &, CD29 &, CD39 &, CD3	
However, the expression of some <u>integrin</u> receptor subunits, such as CD29 <u>, CD49a</u> and <u>CD49f</u> , was apparently reduced in the etoposide-resistant subclones. [2006]	
Inhibition of CD29 <u>ATNE-alpha</u> might be a therapeutic option to limit endothelial dysfunction following <u>cardiac surgery</u> with extracorporeal circulation. [2004]	
Cardiac surgery with extracorporeal circulation: neutrophili transendothelial migration is mediated by beta1 integrin	

(CD29 $_{\odot}$) in the presence of $\underline{\it TNF-aipha}$ $_{\odot}$. [2004]



We quantified the freshly isolated as well as cultured primary human keratimocytes by their expression of the beta(1) integrals (CD29) in combination with the expression of the alpha(6) integrin (CD49()) and the transferrin receptor (CD71) by flow cytometric methods. [2008]



FNRB will prove to be a highly useful marker for genetic linkage studies of multiple endocrine neoplasia type 2A (MEN2A) as well as for chromosome 10 linkage studies in general. [1989]



Result page: 1 2 [Next]

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